



## **Animal prevalence of livestock-associated methicillin-resistant *Staphylococcus aureus* in five Danish mink farms**

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# Animal prevalence of livestock-associated methicillin-resistant *Staphylococcus aureus* in five Danish mink farms

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We found **LA-MRSA in four out of five Danish mink farms**, tested between July and August 2017. On positive farms, the **animal prevalence ranged from 20 to 29%**.

	Farm 1	Farm 2	Farm 3	Farm 4	Farm 5
<b>Mink carcasses</b> (n positive/n tested)	20% (18/92)	0% (0/241)	26% (36/136)	25% (14/55)	29% (35/120)

Livestock-associated methicillin-resistant *Staphylococcus aureus* (LA-MRSA) was for the first time isolated from Danish mink in 2013. LA-MRSA in mink is believed to originate from contaminated slaughter-offal in the mink feed.

The anatomical location of LA-MRSA on mink (pharynx and paws) poses a human health hazard to farmers, when handling the animals and at risk for bites and scratches from infected sites.



Mink farm



## Materials and methods



Five Danish mink farms

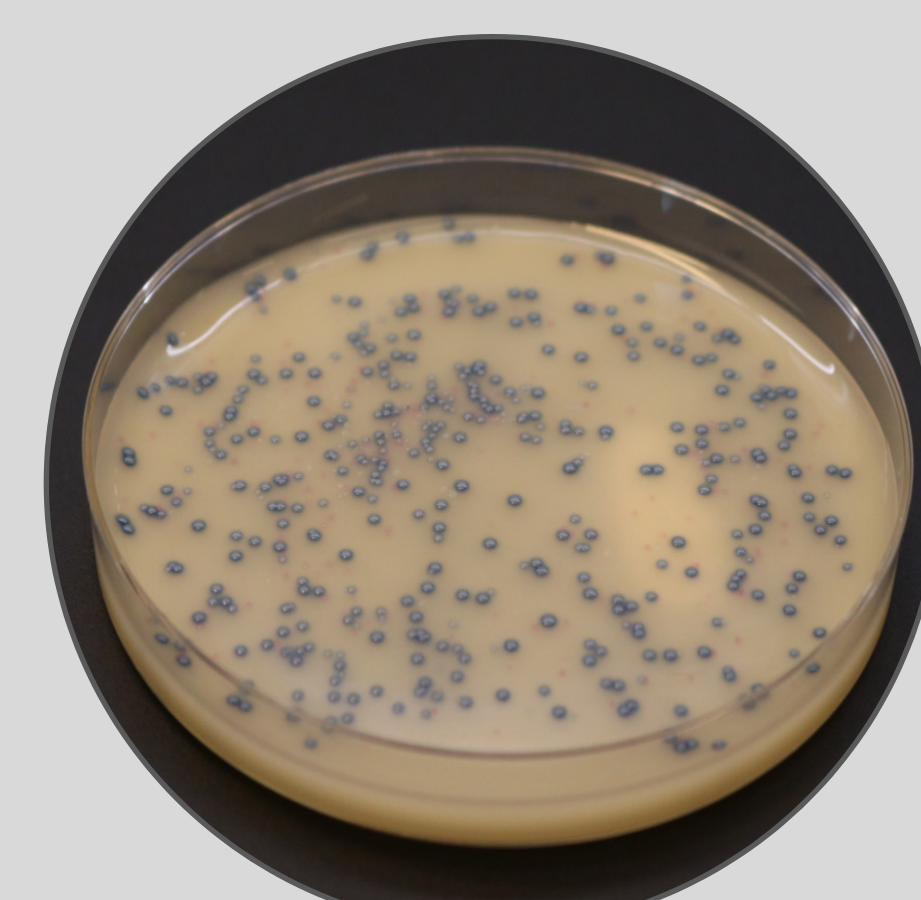
645 mink carcasses



Pharyngeal swab and dissection of right forepaw



Selective enrichment



Culture on selective agar and species confirmation by MALDI-TOF

